

VERSION SHOWING THE CHANGES TO THE CLAIMS

This listing replaces all prior listings.

IN THE CLAIMS

Amend the claims as follows:

1 (Currently amended) An electronic component for overvoltage protection, comprising:

predominantly organic functional polymers, which component has at least the following layers:

a substrate layer[[.]];

a primary electrode layer[[.]] lying in a first plane;

an organic semiconducting functional layer[[.]]; and

a secondary electrode layer[[.]] lying in a second plane spaced from the first plane, the semiconductor layer being coupled only to two electrodes to provide the given threshold set forth below;

wherein the device exhibits a given threshold voltage is adjusted to a desired value by the selection of manifested by the material compositions of the electrode and semiconductor layers materials and/or of the material for the semiconducting layer.

2 (Previously presented). The component as set forth in claim 1 which has at least one intermediate layer between one of the electrodes and the organic semiconductor layer.

3 (Previously presented). A circuit, including at least two components as set forth in claim 1 connected in series for overvoltage protection, wherein the series circuit affords a threshold voltage which corresponds to a multiple of the threshold voltage of the individual components.

4 (Previously presented). A circuit, including at least two components as set forth in claim 2 connected in series for overvoltage protection, wherein the series circuit affords a threshold voltage which corresponds to a multiple of the threshold voltage of the individual components.